

25X1



SECRET

IMAGERY
ANALYSIS
DIVISION

PIR

PHOTOGRAPHIC INTELLIGENCE REPORT

VITAL RECORDS COPY
STATUS OF NORTH VIETNAMESE RAILROADS

25X1

Declass Review by NIMA/DOD

REPORT NO. 21
CIA/PIR 75074

DATE DEC. 1966

GROUP 1
Excluded from automatic
downgrading and declassification

SECRET

WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

Approved For Release 2003/03/04 : CIA-RDP78T05161A001200010055-6

RECORD COPY	COPY NO.	PUB. DATE	LOCATION	MASTER	DATE RECEIVED	LOCATION					
DISPOSITION DATE(S)				STOCK	MINIMUM	MAXIMUM					
CUT TO COPIES 0				DATE 1-73	CUT TO COPIES	DATE					
CUT TO COPIES				DATE	CUT TO COPIES	DATE					
CUT TO COPIES				DATE	MASTER	DATE					
DATE		RECEIVED OR ISSUED		NUMBER OF COPIES		DATE					
MO.	DAY	YR.	REC'D	ISS'D	BAL	MO.	DAY	YR.	REC'D	ISS'D	BAL
5	22	68	Dist. Unit			8		8			
102072			Dest 8 Copies					0	W X G		

Approved For Release 2003/03/04 : CIA-RDP78T05161A001200010055-6

~~SECRET~~

25X1

CIA IMAGERY ANALYSIS DIVISION

PIR 75074

PREFACE

This report summarizes significant items of photo intelligence relating to the North Vietnamese railroad system which has been developed from available photography (received by the CIA Imagery Analysis Division) during the period indicated on the cover. This report is intended to provide a comprehensive view of the railroad system and does not necessarily reflect the most recent status changes as reported by pilots' reports or field photo intelligence cables.

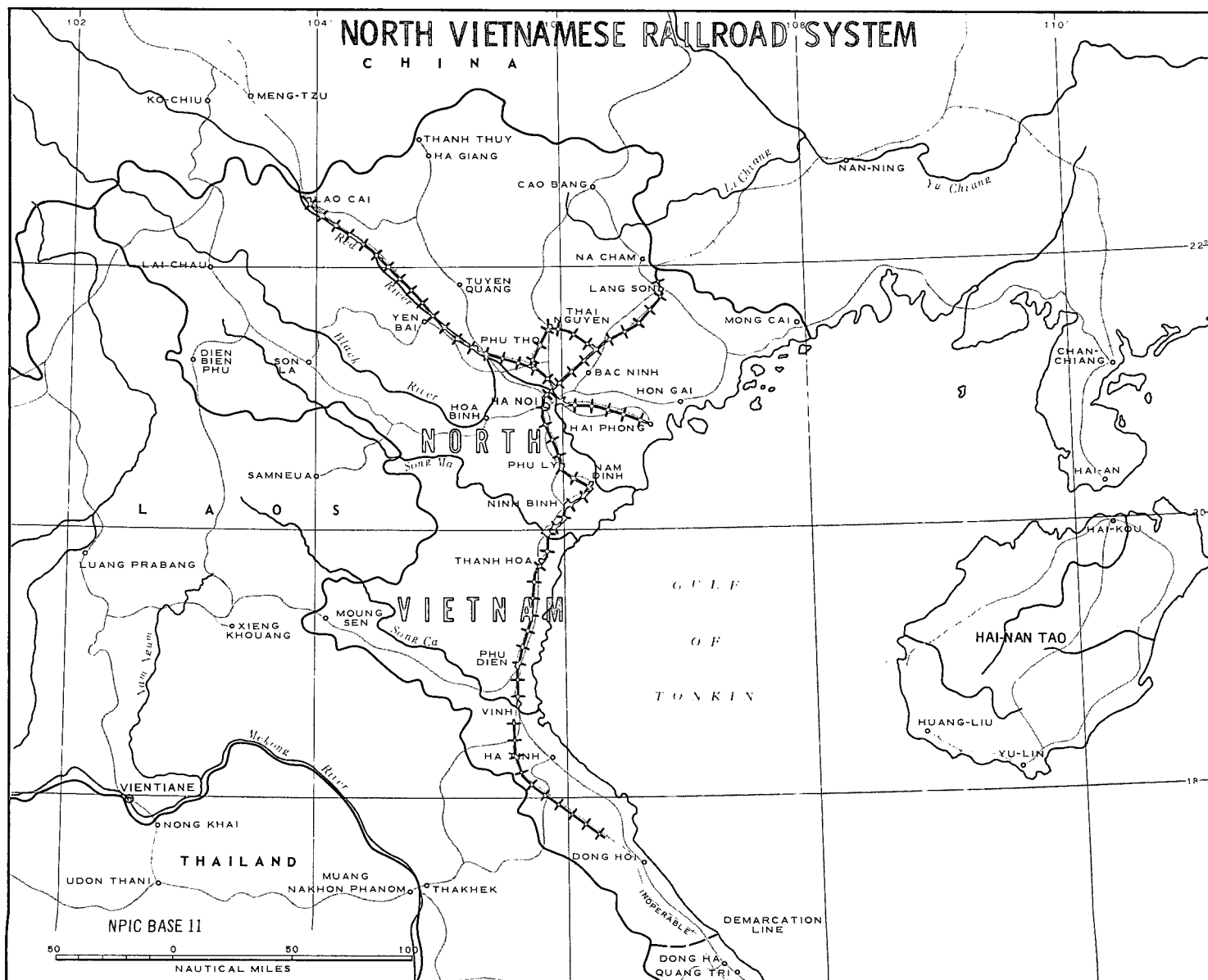
The railroad system has been broken down into 5 major lines: the Hanoi/Lao Cai Line, the Hanoi/Dong Dang Line, the Hanoi/Haiphong Line, the Hanoi/Dong Hoi Line and the Thai Nguyen Line (Figure I). Annotated maps and photos are used to show the status of each line.

~~SECRET~~

25X1

SECRET

PIR 75074
FIGURE 1 25X1



SECRET

25X1

SECRET

25X1

CIA IMAGERY ANALYSIS DIVISION

PIR 75074

SUMMARY

Those portions of the Hanoi/Lao Cai Rail Line covered by interpretable photography were open to through traffic. Four bridge interdictions were noted on the Hanoi/Dong Hoi Rail Line.

CONTENTS

Hanoi/Lao Cai Rail Line	Page 4
Hanoi/Dong Dang Rail Line	6
Hanoi/Dong Hoi Rail Line	7
Hanoi/Haiphong Rail Line	10
Thai Nguyen Rail Line	11

25X1

- 3 -

SECRET

SECRET

FIR 75074
FIGURE 2

KEY

All maps within this report have been keyed in the following manner:

- Main bridge number - new serviceable.
- For pass bridge or bridge serviceable.
- Main bridge under construction.
- ▲ For pass bridge under construction.
- ... Original bridge has not been damaged or destroyed based on available photography.
- Extent of rail line covered by available, interpretive photography.
- Item of interest. Turns to the line number within the section for further information.

All intelligence developed within the reporting period is printed in red, other intelligence is printed in black.

Description of Bridges numbered 1 through 76 can be found in CMAPR 600, August 1965.

HANOI - LAO CAI
RAILROAD

0 5
STATUTE MILES

SECRET

CIA IMAGERY ANALYSIS DIVISION

PIR 75074

25X1

25X1

ITEM OF INTEREST NO. 1: Hanoi/Lao Cai Rail Line

NAME : Yen Bay Railroad Yard

BE :

COORDINATES : 21 42N - 104 53E, VJ 879995

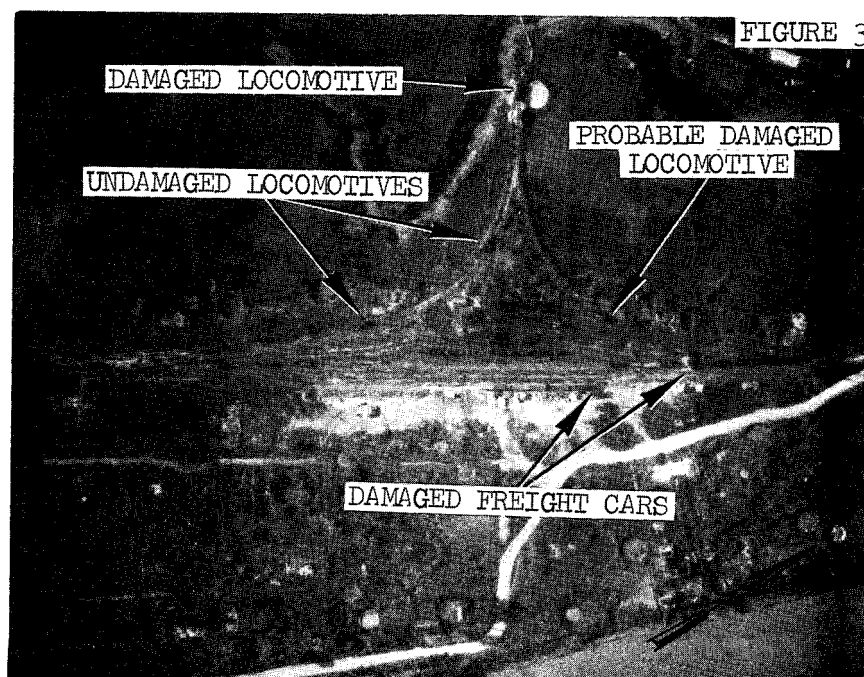
PHOTO REFERENCES :

MAP REFERENCE : JOG (A) 1501, NF 48-10

25X1

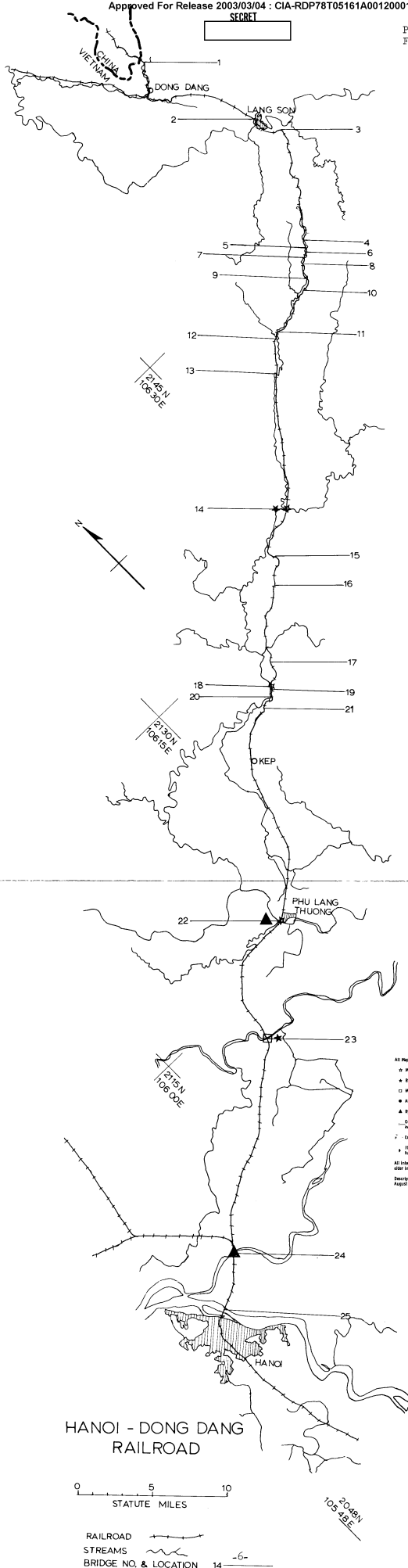
The Yen Bay Railroad Yard has been damaged by bombing. Much of the yard has been cratered, but at least one of the 6 through tracks remains serviceable. One piece of unidentified rolling stock has been destroyed and three others including 2 probable gondolas and 1 probable box car have been damaged. Twenty three freight cars including 10 probable box cars and 13 probable gondola cars have not been damaged.

Four locomotives are located on the turning wye, 2 of which have probably been damaged. The northern end of the turning wye has been heavily cratered.



25X1

SECRET

PIR 75074
FIGURE 4

KEY

All maps within this report have been typed in the following manner:

- 1. Main bridge destroyed - new serviceable.
- 2. By-pass bridge or bridge serviceable.
- 3. Main bridge unserviceable.
- 4. All bridge crossing facilities unserviceable.
- 5. By-pass bridge under construction.

Original bridge has not been destroyed or destroyed based on available photography.

2. Extent of rail line covered by available, interpretable photography.

3. Item of interest. Turn to this item number within the section for further information.

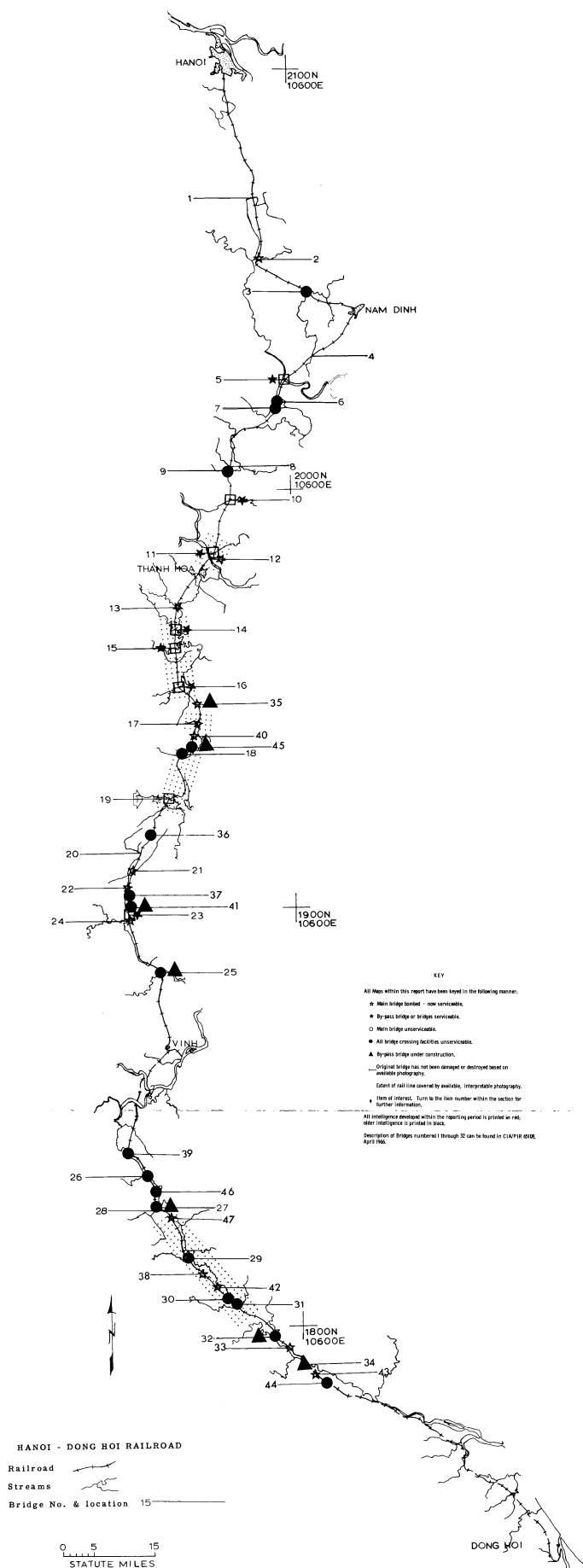
All intelligence developed within the reporting period is printed in red; older intelligence is printed in black.

Description of bridge incident(s) through 25 can be found in CMAPR 004, August 1966.

SECRET

SECRET

PIR 75074
FIGURE 5



SECRET

CIA IMAGERY ANALYSIS DIVISION

PIR 75074

25X1

ITEM OF INTEREST NO. 1: Hanoi/Dong Hoi Rail Line

NAME : Qui Vinh RR. Bridge No. 2

BE :

COORDINATES : 19 15N - 105 41E, WG 720302

PHOTO REFERENCE :

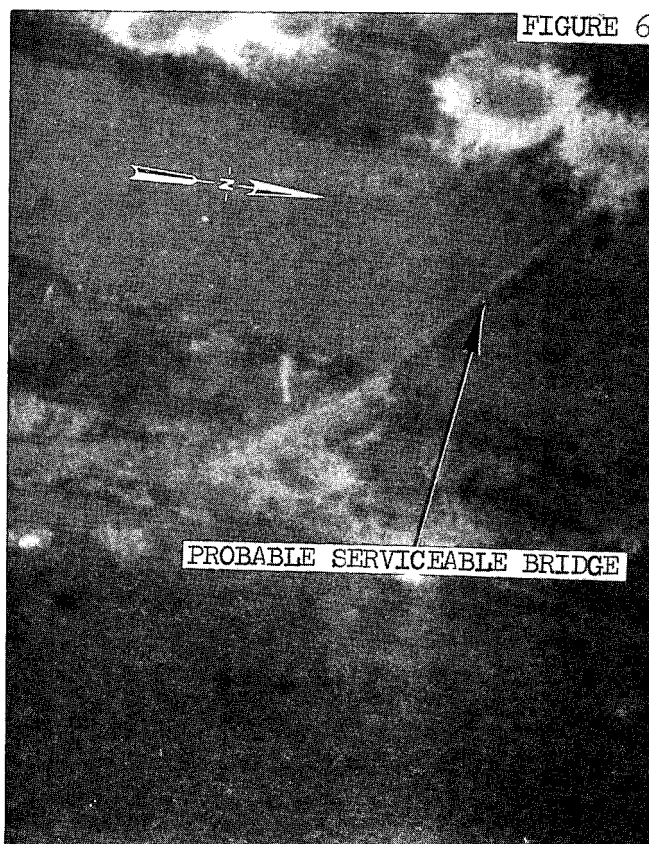
MAP REFERENCE : JOG (A) 1501, NE 48-3

25X1

25X1

The multi-span trestle-type Qui Vinh Railroad Bridge No. 2 has been repaired and is probably serviceable. This is a by-pass for the unserviceable main bridge

25X1



25X

25X1

SECRET

CIA IMAGERY ANALYSIS DIVISION

PIR 75074

25X1

ITEM OF INTEREST NO. 1 CONT.: Hanoi/Dong Hoi Rail Line

NAME : Qui Vinh RR Br. No. 4

BE

:

COORDINATES

: 19 15N - 105 41E, WG 720302

PHOTO REFERENCE

:

MAP REFERENCE

: JOG (A) 1501, NE 48-3

25X1

The 6 span, deck-beam Qui Vinh Railroad Bridge No. 4 has been completed and is serviceable. There are presently 2 serviceable by-pass bridges at this river crossing. The main bridge and 1 other by-pass are unserviceable.

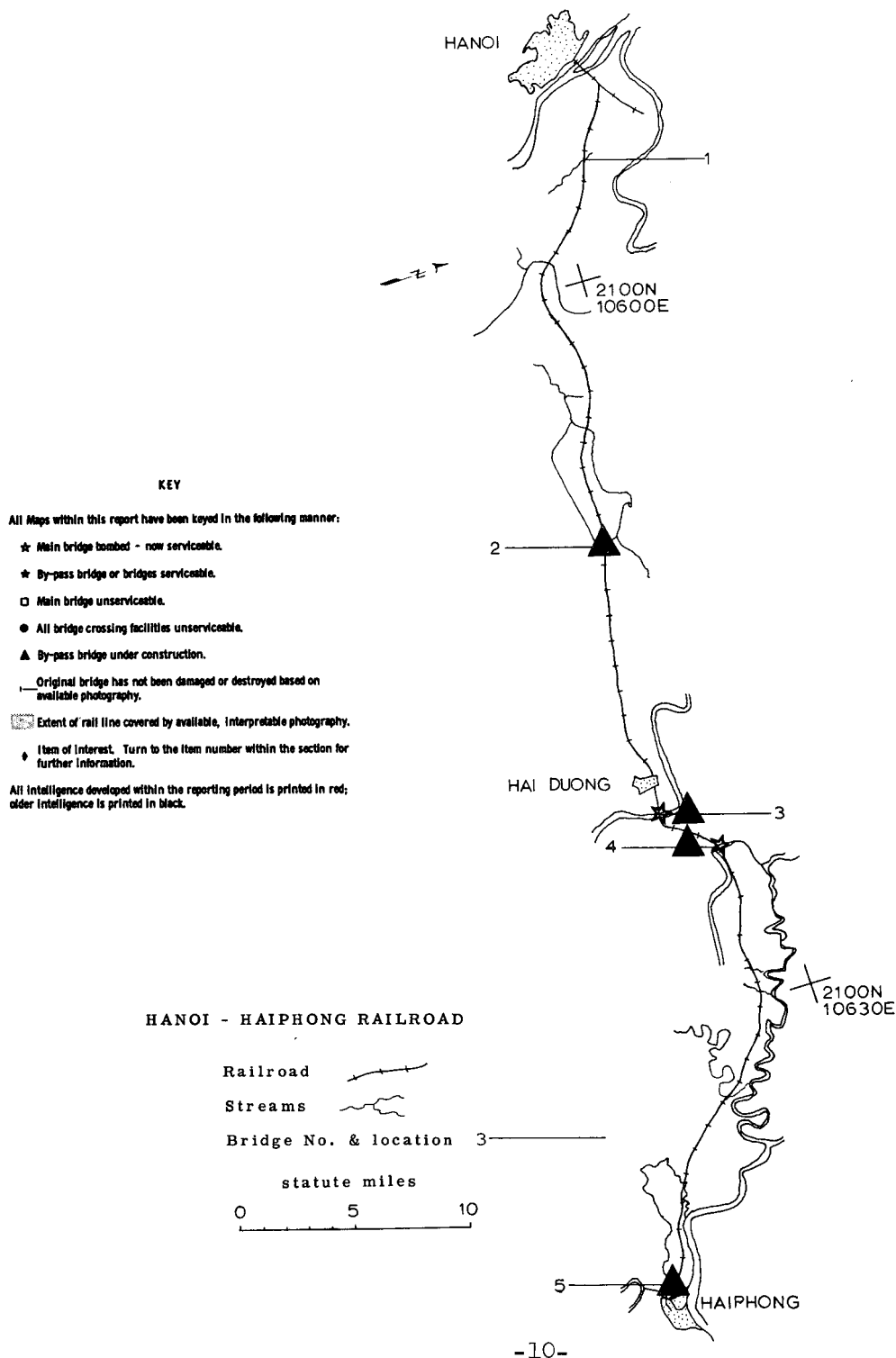


SECRET

25X1

SECRET

25X1



SECRET

25X1

SECRET

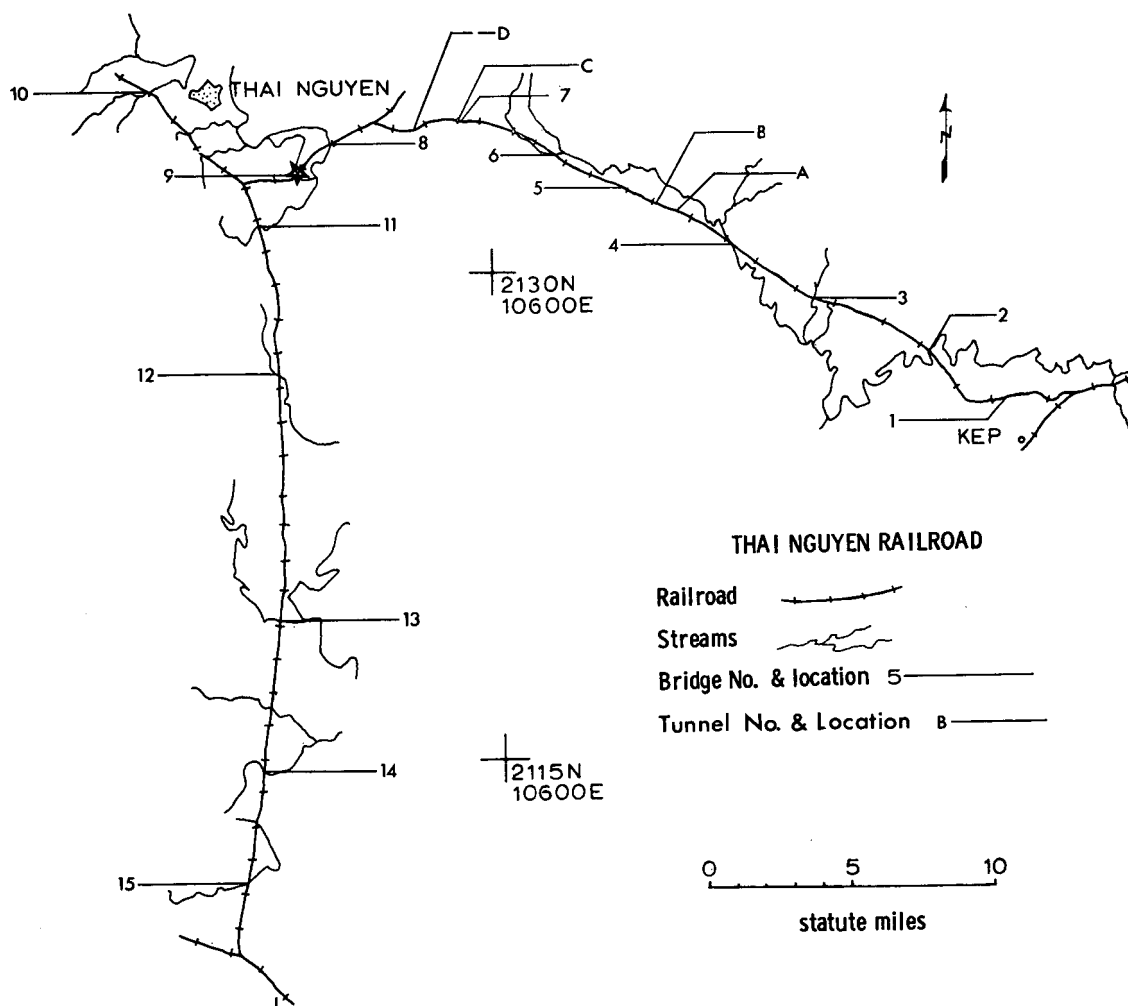
PIR 75074
FIGURE 9

KEY

All Maps within this report have been keyed in the following manner:

- ★ Main bridge bombed - now serviceable.
- ★ By-pass bridge or bridges serviceable.
- Main bridge unserviceable.
- All bridge crossing facilities unserviceable.
- ▲ By-pass bridge under construction.
- Original bridge has not been damaged or destroyed based on available photography.
- ▨ Extent of rail line covered by available, interpretable photography.
- ◆ Item of Interest. Turn to the Item number within the section for further information.

All intelligence developed within the reporting period is printed in red; older intelligence is printed in black.



SECRET

25X1

Approved For Release 2003/03/04 : CIA-RDP78T05161A001200010055-6

Approved For Release 2003/03/04 : CIA-RDP78T05161A001200010055-6